

Atty. Ref.:60732-300101

Page 2 of 11

RECEIVED
CENTRAL FAX CENTER

JAN 30 2007

Amendments to Claims:

Please amend the claims as in the following listing:

- 1 17. (currently amended) A formulation for thermoplastic synthetic building material which is
2 formulated for extrusion processing, comprising:
3 filler material of proportions of 65% - 90% of overall composition;
4 thermoplastic resin of proportions of 10% - 35% of overall composition; and
5 an extruder processing stabilizer/lubricant, wherein said filler material, said thermoplastic
6 resin and said extruder processing stabilizer/lubricant combine to form a thermoplastic material.
- 1 18. (previously presented) The formulation for synthetic building material of claim 17, wherein:
2 said extruder processing stabilizer/lubricant is chosen from a group consisting of metallic
3 stearate, hydrocarbons, fatty acids, esters, amides fluoropolymers, silicones, and boron
4 nitride.
- 1 19. (previously presented) The formulation for synthetic building material of claim 17, wherein:
2 said extruder processing stabilizer/lubricant makes up 0.5-4.0% of the overall
3 composition.
- 1 20. (Original) The formulation for synthetic building material of claim 17, wherein:
2 said filler material is mineral filler.
- 1 21. (Original) The formulation for synthetic building material of claim 17, wherein:
2 said mineral filler is chosen from a group consisting of limestone, dolomite, talc, silica
3 and flyash.
- 1 22. (Original) The formulation for synthetic building material of claim 17, wherein:
2 said thermoplastic resin is recycled thermoplastic resin.
- 1 23. (Original) The formulation for synthetic building material of claim 17, wherein:
2 said thermoplastic resin is virgin thermoplastic resin.
- 1 24. (Original) The formulation for synthetic building material of claim 17, wherein:
2 said thermoplastic resin is chosen from a group consisting of polyethylene (PE),
3 polypropylene and poly vinyl chloride (PVC).
- 1 25. (Original) The formulation for synthetic building material of claim 17, further comprising:
2 desiccant/ moisture absorbent.
- 1 26. (Original) The formulation for synthetic building material of claim 25, wherein:
2 said desiccant/ moisture absorbent is a metallic oxide.
- 1 27. (Original) The formulation for synthetic building material of claim 26, wherein:

Atty. Ref.:60732-300101

Page 3 of 11

2 said desiccant/ moisture absorbent is chosen from a group consisting of calcium oxide
3 and magnesium oxide.

1 28. (Original) The formulation for synthetic building material of claim 17, further comprising:
2 additives chosen from the group consisting of antioxidant, UV stabilizer, flame retardant,
3 wax, and inorganic color pigments.

1 29. (Currently amended) A synthetic thermoplastic building material formulated for commercial
2 extrusion processing, said material comprising:
3 filler material of proportions of 65% - 90% of overall composition;
4 thermoplastic resin of proportions of 10% - 35% of overall composition; and
5 extruder processing stabilizer/lubricant which is chosen from a group consisting of
6 metallic stearate, hydrocarbons, fatty acids, esters, amides fluoropolymers, silicones, and boron
7 nitride, wherein said filler material, said thermoplastic resin and said extruder processing
8 stabilizer/lubricant combine to form a thermoplastic material.

1 30. (Previously presented) The synthetic building material of claim 29, wherein:
2 said extruder processing stabilizer/lubricant makes up 0.5-4.0% of the overall
3 composition.

1 31. (Original) The synthetic building material of claim 29, wherein:
2 said filler material is mineral filler which is chosen from a group consisting of limestone,
3 dolomite, talc, silica and flyash.

1 32. (Original) The synthetic building material of claim 29, wherein:
2 said thermoplastic resin is recycled thermoplastic resin

1 33. (Original) The synthetic building material of claim 29, wherein:
2 said thermoplastic resin is virgin thermoplastic resin

1 34. (Original) The synthetic building material of claim 29, wherein:
2 said recycled thermoplastic resin is chosen from a group consisting of polyethylene (PE),
3 polypropylene and poly vinyl chloride (PVC).

1 35. (Original) The synthetic building material of claim 29, further comprising:
2 desiccant/ moisture absorbent which is chosen from a group consisting of calcium oxide
3 and magnesium oxide.

1 36. (Original) The synthetic building material of claim 29, further comprising:
2 additives chosen from the group consisting of antioxidant, UV stabilizer, flame retardant,
3 wax, and inorganic color pigments.

1 37. (Original) The synthetic building material of claim 29, wherein:
2 said synthetic building material is shaped into panels for roofing.

1 38. (Original) The synthetic building material of claim 29, wherein:

Atty. Ref.:60732-300101

Page 4 of 11

2 said synthetic building material is shaped into panels for siding.

1 39. (Original) The synthetic building material of claim 29, wherein:
2 said material is formed into pieces having the appearance of cedar shakes, including
3 embossing a texture into surfaces.

1 40. (Original) The synthetic building material of claim 29, wherein:
2 said material is formed into pieces having the appearance of cedar shingles, including
3 embossing a texture into surfaces.

1 41. (Original) The synthetic building material of claim 29, wherein:
2 said material is formed into pieces having the appearance of terra cotta tiles, including
3 embossing a texture into surfaces.